

DYNAMIC LAYER CONGESTION CONTROL FOR MULTICAST TRANSPORT

ABSTRACT OF THE DISCLOSURE

A multicasting system provides congestion control for multicasting using a dynamic layer scheme, where the aggregate sending rates of layers decline over time. Multicast packets are transmitted to layers that are joined by at least one host. A host maintains a reception rate by joining additional layers as the sending rates decline, a host reduces the reception rate by not joining additional layers as fast as the sending rates decline, thus allowing rate reduction even if the sender does not receive leave messages sent from a host.